

## UPSC Daily Current Affairs| One Liners 03-07-2025

### One Liners 03-07-2025

#### History, Art and Culture

##### Harappan Discovery in Gujarat

A 5,300-year-old Early Harappan settlement and burial site was found recently in Lakhapar village, Kutch, Gujarat.

- **Findings** - Archaeologists unearthed an Early Harappan living area and a unique burial from around 3300-2600 BCE.
- **Unique Burial** - The burial, a first for Gujarat, was directly in a pit with pottery linked to older Chalcolithic cultures.
- **Signs of Interaction** - The site shows Harappan-style buildings and pottery, suggesting trade and interaction with Sindh.
- **Wider Network** - This discovery, along with a nearby cemetery, hints at a larger ancient cultural network in Gujarat.
- **Historical Impact** - It challenges past ideas, showing different ancient groups lived together and expands our understanding of Early Harappan influence.

#### Geography

##### Ghana

India's Prime Minister will make a two-day state visit to Ghana, the first by an Indian PM in over three decades.

- **About Ghana** Located in West Africa, Ghana's capital is Accra. It borders Burkina Faso, Togo, Côte d'Ivoire, and the Atlantic Ocean.
- **Land Features** Ghana has ancient plains, with the Akwapim-Togo Ranges featuring Mount Afadjato, its highest peak.
- **Major Rivers** - The Volta River system is key.
- **Lake Volta** - Being one of the world's largest artificial lakes, formed by the Akosombo Dam.
- **Diverse Soils** - Ghana's soils vary from common lateritic soils to fertile ochrosols, good for farming, and heavy Akuse clays.
- **Coastal Zones** - Less fertile coastal savanna zones are dominated by vleisols and acidic gray earths.

#### Polity & Governance

### **ELI Scheme: Boosting Jobs in India**

The Employment Linked Incentive (ELI) Scheme, Recently approved in aims to create jobs, especially in manufacturing.

- **Launched by** - Ministry of Labour & Employment
- **Big Goal** It's part of a ₹2 lakh crore initiative to help 4.1 crore youth, targeting over 3.5 crore new jobs in two years.
- **Two Main Parts** Part A helps new employees, while Part B supports employers.
- **Help for New Employees (Part A)** First-time employees (EPFO registered) get one month's salary (up to ₹15,000) in two payments, linked to a financial literacy program.
- **Support for Employers (Part B)** Employers get up to ₹3,000 monthly for each new hire (up to ₹1 lakh salary) for two years, with extra benefits for manufacturing jobs.
- **Simple Payments** Payments are made directly to employees via Aadhaar and to employers' PAN-linked accounts for transparency.

### **Bihar Pioneers Mobile e-Voting**

Bihar has recently launched India's first mobile e-voting system for local elections, with 70.2% participation via the "E-SECBHR" app.

- **New system** - Allows eligible voters to cast votes remotely using a secure mobile app, developed by C-DAC.
- **Aims to** - Make voting easier for the elderly, disabled, pregnant women, and those far from polling booths, promoting digital access.
- **Procedure** - Voters download the app, link their phone number, and verify their ID using facial recognition to vote on election day.
- **Security Features** - It uses blockchain technology for secure, unchangeable votes, facial recognition, and strict login rules to prevent tampering.
- **Big Impact** - This initiative sets a precedent for digital election reform, with Bibha Kumari being the first to vote by phone, potentially influencing future national elections.

## **International Relations and Issues**

## **Pakistan Leads UN Security Council**

On July 1, 2025, Pakistan started its month-long role as President of the UN Security Council. This is a big moment in their two-year term.

- **Pakistan's leadership** - is important as global conflicts and crises are increasing.
- **Main Goals** - Pakistan aims for transparent leadership, focusing on UN rules, peaceful solutions, and global teamwork.
- **Key Meetings** Pakistan's Ambassador Asim Iftikhar Ahmad will lead, with Deputy Prime Minister Ishaq Dar chairing major debates on peace, Palestine, and cooperation with the OIC.
- **Strategic Focus** Pakistan plans to discuss India's actions and will influence Afghan peace as chair of the Taliban Sanctions Committee.
- **Crucial Time** This presidency happens amid growing global conflicts and demands for UN changes.

## **Security**

### **INS Udaygiri**

On July 1, 2025, the Indian Navy received INS Udaygiri, a new stealth warship. It's the second of seven advanced Project 17A frigates.

- **Advanced Warships** - Project 17A frigates are upgraded versions with better stealth and weapons, capable of operating in deep seas.
- **Smart Construction** - Udaygiri was built quickly using a smart "Integrated Construction" method, reflecting India's own design skills.
- **Powerful Features** - It has a larger hull, a combined diesel and gas engine, and advanced missiles for defense.
- **Made in India** - This project boosts self-reliance, creating over 4,000 direct and 10,000 indirect jobs, involving many small businesses.
- **More to Come** - Five more such warships are being built, expected by late 2026, further strengthening India's navy.

### **Brazil Eyes India's Akash Missile System**

Recently Brazil has shown Interest to buy India's Akash Air Defence System after its success in 'Operation Sindoor,' ahead of the 17th BRICS Summit.

- **Akash is** - A medium-range, mobile missile system built in India. It protects against enemy aircraft, drones, and missiles.
- **Made in India** - DRDO, BDL, and BEL developed Akash as part of the 'Make in India' initiative for self-reliance in defence.
- **Key Features** - It has a range of 4.5 to 25 km, flies at supersonic speeds, and can be quickly deployed on mobile platforms.
- **Proven Success** - Akash has a strong operational record, proving its effectiveness in real combat situations.
- **Boost for Exports** - Brazil's interest highlights Akash's potential for export, boosting India's defence manufacturing and global partnerships.

## **Science**

## **Drones Revolutionize Blood Delivery**

Drones are recently being used to deliver blood and its parts, as shown by an Indian study. This helps in emergencies, especially in hard-to-reach places.

- **Faster Deliveries** - Drones are much quicker than cars, cutting delivery times significantly for crucial blood supplies.
- **Keeping Blood Safe** - Blood needs to stay at the right temperature to be safe. Drones are being tested to ensure this "cold chain" isn't broken.
- **Drones vs. Roads** - A study found drones delivered blood 36 km in 8 minutes, while roads took 55 minutes, proving drones' speed.
- **Challenges Ahead** - Environmental factors and India's varied landscape pose challenges for widespread drone use.
- **Global Success** - Other countries like Rwanda and Italy already use drones for blood transport successfully, showing it's a good option.

## **Kombucha**

A Recent study shows kombucha, a fermented tea, can improve gut bacteria in people with obesity.

- **Kombucha**- It's a bubbly, fermented tea, considered a functional food for its digestive and immune benefits.
- **Ingredients**- Made from tea and SCOBY (bacteria and yeast), it contains probiotics, antioxidants, vitamins, and organic acids.
- **Health Perks** - It helps rebalance gut microbes by increasing good bacteria and reducing harmful ones linked to metabolic issues.
- **Gut Protection** - Kombucha's compounds may boost gut mucus, improving the gut barrier and potentially reducing inflammation.
- **Widely Marketed** -This tangy, fizzy drink is sold in India as a health-focused beverage, with effects varying by individual.

## **Japan Launches Climate Satellite**

Japan, recently launched the GOSAT-GW satellite, its 50th and final H-2A rocket mission. This satellite monitors greenhouse gases and water cycles.

- **Purpose of GOSAT-GW** - It's the third in Japan's series to collect vital global data on climate-changing gases and water patterns.
- **Built** - JAXA (Japan's space agency) developed it with Mitsubishi Heavy Industries handling the launch.
- **Key Mission Goals** - The satellite will track carbon dioxide, methane, ocean temperatures, clouds, and rain to support climate policy.
- **Advanced Features** - GOSAT-GW offers highly accurate, real-time data, uniquely focusing on both greenhouse gases and water.
- **Global Impact**- It boosts climate science, aids international agreements like the Paris Agreement, and marks a new era for Japan's space program.

## **Index**

## **Bihar Pioneers Mobile e-Voting**

Bihar has recently launched India's first mobile e-voting system for local elections, with 70.2% participation via the "E-SECBHR" app.

- **New system** - Allows eligible voters to cast votes remotely using a secure mobile app, developed by C-DAC.
- **Aims to** - Make voting easier for the elderly, disabled, pregnant women, and those far from polling booths, promoting digital access.
- **Procedure** - Voters download the app, link their phone number, and verify their ID using facial recognition to vote on election day.
- **Security Features** - It uses blockchain technology for secure, unchangeable votes, facial recognition, and strict login rules to prevent tampering.
- **Big Impact** - This initiative sets a precedent for digital election reform, with Bibha Kumari being the first to vote by phone, potentially influencing future national elections.



**SHANKAR**  
**IAS PARLIAMENT**  
*Information is Empowering*